

APR 26 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Tiefenthaler

Application No.: 10/710,609

Filed: 7/23/2004

Title: Optical Sensor and Optical Process for
the Characterization of a Chemical or
Bio-Chemical Substance

Attorney Docket No.: FREI.P-041-DV-2

Customer No.: 021121

Group Art Unit: 1743

Examiner: Brian J. Sines

Confirmation No: 4608

Commissioner for Patents
 PO Box 1450
 Alexandria, VA 22313-1450

Response to Office Action

Dear Sir:

This paper responds to the Office Action dated December 16, 2004. Enclosed are Forms PTO/SB/26, PTO/SB/22, and PTO-2038.

The Examiner is reminded that an Information Disclosure Statement was filed March 24, 2005. It is requested that the Information Disclosure Statement be considered and made of record.

Respectfully submitted,

Carl Oppedahl

Attorney/Agent for Applicant(s)

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I hereby certify that the above-referenced document
 is being transmitted to the United States Patent and
 Trademark Office, by facsimile to: 703 872 9306
on April 26, 2005 by Leanna McCarthy
Leanna McCarthy